

PE NUMBER: 0605807F

UNCLASSIFIED

PE TITLE: Test And Evaluation Spt

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 1999		
BUDGET ACTIVITY <b>6 - Management and Support</b>				PE NUMBER AND TITLE <b>0605807F Test And Evaluation Spt</b>						
COST (\$ In Thousands)	FY 1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	366,928	353,531	392,104	380,635	380,382	392,602	400,641	407,932	Continuing	TBD
06TS Test and Evaluation Support	345,934	333,434	370,751	359,956	357,728	369,523	377,066	383,747	Continuing	TBD
06TG 46 Test Group	20,994	20,097	21,353	20,679	22,654	23,079	23,575	24,185	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0
<p>(U) <b>A. <u>Mission Description and Budget Item Justification:</u></b> Test facilities, capabilities and resources operated through this program include wind tunnels, rocket and jet engine test cells, limited space environmental simulation chambers, armament test ranges, climatic test facilities, avionics test facilities, aircraft testbeds, dry lakebed landing sites, instrumented test ranges, maintenance and repair of test facilities, civilian payroll, and contractor services. It also provides resources for maintaining Air Force Materiel Command (AFMC) assigned test and test support coded aircraft. No acquisition contracts are funded from this program; test support contracts for services and supplies and equipment are predominantly awarded on the basis of full and open competition. Beginning in FY00, the justification narratives within each center have been modified to include standardized categories which better explain the nature of the test and evaluation infrastructure support activities.</p> <p>(U) <b>B. <u>Budget Activity Justification:</u></b> This program element is in Budget Activity 6, RDT&amp;E Management Support, because it funds infrastructure resources (civilians, aircraft, facilities and ranges) to operate the Air Force test activities which are included in the Department of Defense (DoD) Major Range and Test Facility Base (MRTFB).</p>										

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## RDT&amp;E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

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BUDGET ACTIVITY

**6 - Management and Support**

PE NUMBER AND TITLE

**0605807F Test And Evaluation Spt****(U) C. Program Change Summary (\$ in Thousands):**

	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total Cost</u>
(U) Previous President's Budget (FY 1999 PB)	372,496	370,168	393,523	375,245	Cont
(U) Appropriated Value	387,848	363,168			
(U) Adjustments to Appropriated Value					
a. Congressional/General Reductions	-14,939	-9,637			
b. SBIR					
c. Omnibus or Other Above Threshold Reprogram	-1,188				
d. Below Threshold Reprogramming	-4,793				
(U) Adjustments to Budget Years Since FY 1999 PB			-1,419	5,390	
(U) Current Budget Submit/FY 2000 PB	366,928	353,531	392,104	380,635	Cont

(U) Significant Program Changes: None

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<b>RDT&amp;E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)</b>								DATE <b>February 1999</b>		
<b>BUDGET ACTIVITY</b> <b>6 - Management and Support</b>				<b>PE NUMBER AND TITLE</b> <b>0605807F Test And Evaluation Spt</b>				<b>PROJECT</b> <b>06TS</b>		
<i>COST (\$ In Thousands)</i>	FY 1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
06TS Test and Evaluation Support	345,934	333,434	370,751	359,956	357,728	369,523	377,066	383,747	Continuing	TBD
<p>(U) <b>A. <u>Mission Description:</u></b> This project provides resources to operate the Air Force test activities which are included in the Department of Defense (DoD) Major Range and Test Facility Base (MRTFB). Test facilities/capabilities operated through this program include wind tunnels, rocket and jet engine test cells, limited space environmental simulation chambers, armament test ranges, climatic test facilities, avionics test facilities, aircraft testbeds, dry lakebed landing sites, instrumented test ranges, and test aircraft maintenance. Test and Evaluation (T&amp;E) Support funds test infrastructure overhead activities including: Command and supervisory staffs; supply stocks; maintenance, repair, and replacement of worn or obsolete test equipment and facilities; test infrastructure for data collection, transmission, reduction, and analysis; civilian salaries; temporary duty travel; support contract costs for hardware and software engineering and maintenance; and minor improvement and modernization projects. It also funds overhead test aircraft depot level maintenance such as: Programmed Depot Maintenance (PDM), the calendar-based cyclic scheduling of aircraft into depots for update/inspection; modifications and any other depot level repairs required by the aircraft System Program Directors (SPD); engine overhauls; depot-provided area assistance; and assorted ground support equipment overhauls. Three major Air Force test centers are supported by this project: (1) Arnold Engineering and Development Center (AEDC), located at Arnold Air Force Base (AFB), TN, whose test infrastructure overhead supports operations for the largest complex of ground test facilities in the free world (includes transonic, supersonic, and hypersonic wind tunnels; rocket motor and turbine engine test cells; space environmental test chambers, hyperballistic ranges; and other specialized facilities). (2) Air Force Flight Test Center (AFFTC), located at Edwards AFB, CA, whose test infrastructure overhead supports weapons system development and operational test and evaluation for aircraft, aircraft subsystems and aircraft weapon systems, aerospace research vehicles, unmanned miniature vehicles, cruise missiles, parachute delivery/recovery systems, cargo handling systems, and Electronic Warfare (EW) systems for DoD and allied forces. The AFFTC mission includes the United States Air Force (USAF) Test Pilot School. (3) Air Armament Center (AAC) (formerly Air Force Development Test Center (AFDTC) directed by Special Order GA-19, effective 1 Oct 98), located at Eglin AFB, FL, is comprised of 724 square miles of land area, and approximately 123,000 square miles of water space. AAC provides the test infrastructure and overhead required for the conduct of developmental and operational test and evaluation of non-nuclear air armaments (including aircraft guns, ammunition, bombs, and missiles); Command, Control, Communications, Computers and Intelligence (C4I) systems; target acquisition and weapon delivery systems; a multi-service climatic simulation capability, and determines target/test item spectral signatures for DOD and allied forces. AAC provides a scientific test process that supports the development and enhancement of munitions systems that support tri-service smart weapons development. AAC technology is compatible with weapon systems to be tested such as Advanced Medium Range Air-to-Air Missile (AMRAAM), Joint Direct Attack Munition (JDAM), AGM-130, Advanced Short Range Air-to-Air Missile (ASRAAM), Joint Tactical Information Distribution System (JTIDS), Joint Surveillance Target Attack Radar System (JSTARS), Combat Talon, etc. T&amp;E support services contracts are awarded on the basis of full and open competition.</p>										
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<b>RDT&amp;E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)</b>		DATE <b>February 1999</b>
BUDGET ACTIVITY <b>6 - Management and Support</b>	PE NUMBER AND TITLE <b>0605807F Test And Evaluation Spt</b>	PROJECT <b>06TS</b>

(U) FY 1998 (\$ in Thousands):

**Arnold Engineering and Development Center**

- (U) \$101,976 Continued test infrastructure overhead support to enable ground testing for classified programs, and unclassified programs (F-22, JDAM, F-15, F-16, Joint Strike fighter (JSF), B-1B, B-2, C-130, AMRAAM, AIM 9X, Minuteman, Evolved Expandable Launch Vehicle (EELV), Titan IV and F-18), F404, F414, and F119. Began test infrastructure overhead support for Tunnel 9 that was transferred from the Navy to the USAF effective 1 Oct 97.
- (U) \$ 13,331 T&E specific Base Operating Support (BOS) requirements
- (U) \$ 15,922 Maintenance, repair and minor construction for test infrastructure requirements.
- (U) \$ 15 Federal Workforce Restructuring Act (FWRA) payment

**Air Force Flight Test Center**

- (U) \$105,103 Continued to provide test infrastructure overhead support enabling testing of the B-1B, B-2, F-16, F-15, F-15E, F-22, Advanced Fighter Technology Integration (AFTI)/F-16, C-17, Avionics Test and Integration Complex (ATIC), Advanced Range Instrumentation Aircraft (ARIA), Electronic Combat Countermeasures (ECCM), EW (B-1B ALQ-161, F-16 AN/ASQ-213, C-130 ALQ-172, etc.), and classified programs.
- (U) \$ 18,352 USAF Test Pilot School operating costs.
- (U) \$ 3,187 T&E specific BOS requirements
- (U) \$ 8,257 Programmed Depot Maintenance and engine overhauls for aircraft assigned to AFFTC.
- (U) \$ 1,460 Maintenance, repair and minor construction for test infrastructure requirements.
- (U) \$ 145 Federal Workforce Restructuring Act (FWRA) payment

**Air Armament Center**

- (U) \$ 66,212 Continued test infrastructure overhead support for non-nuclear air armaments (AMRAAM, SEEK EAGLE, Theater Missile Defense (TMD), JDAM, Joint Stand-Off Weapon (JSOW), Wind Corrected Munitions Dispenser (WCMD), etc.); C4I (JTIDS, Base and Installation Security System (BISS), TMD), and aircraft software upgrades.
- (U) \$ 7,066 T&E specific BOS requirements
- (U) \$ 3,220 Programmed Depot Maintenance and engine overhauls for aircraft assigned to AAC.
- (U) \$ 1,582 Maintenance, repair and minor construction for test infrastructure requirements.
- (U) \$ 106 Federal Workforce Restructuring Act (FWRA) payment
- (U) \$345,934 Total

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<b>RDT&amp;E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)</b>		DATE <b>February 1999</b>
BUDGET ACTIVITY <b>6 - Management and Support</b>	PE NUMBER AND TITLE <b>0605807F Test And Evaluation Spt</b>	
		PROJECT <b>06TS</b>

(U) FY 1999 (\$ in Thousands):

**Arnold Engineering and Development Center**

- (U) \$103,675 Continue test infrastructure overhead support to enable ground testing for classified programs, and unclassified programs (F-22, JDAM, F-15, F-16, JSF, B-1B, B-2, C-130, AMRAAM, AIM 9X, Minuteman, EELV, Titan IV, F-18, F404, F414, F119, and Tunnel 9).
- (U) \$ 13,436 T&E specific BOS requirements
- (U) \$ 16,376 Maintenance, repair and minor construction for test infrastructure requirements.

**Air Force Flight Test Center**

- (U) \$ 95,451 Continue to provide test infrastructure overhead support enabling testing of the B-1B, B-2, F-16, F-15, F-15E, F-22, AFTI/F-16, C-17, ATIC, ARIA, ECCM, EW (B-1B ALQ-161, F-16 AN/ASQ-213, C-130 ALQ-172, etc.) and classified programs.
- (U) \$ 19,200 USAF Test Pilot School operating costs.
- (U) \$ 11,456 Programmed Depot Maintenance and engine overhauls for aircraft assigned to AFFTC.
- (U) \$ 3,569 T&E specific BOS requirements
- (U) \$ 1,760 Maintenance, repair and minor construction for test infrastructure requirements.

**Air Armament Center**

- (U) \$ 57,086 Continue test infrastructure support for non-nuclear air armaments (AMRAAM, SEEK EAGLE, TMD, JDAM, JSOW, WCMD, Joint Air-to-Surface Stand-Off Missile (JASSM) etc.); C4I/Command and Control Consolidated Test Force (C2CTF) (JTIDS, BISS, TMD, Theater Battle Management Core System (TBMCS), and aircraft software upgrades (Air Force Mission Support System (AFMSS)).
- (U) \$ 2,462 Programmed Depot Maintenance and engine overhauls for aircraft assigned to AAC.
- (U) \$ 7,273 T&E specific BOS requirements
- (U) \$ 1,690 Maintenance, repair and minor construction for test infrastructure requirements.
- (U) \$333,434 Total

Beginning in FY00, the justification narratives within each center have been modified to include standardized categories which better explain the nature of the test and evaluation infrastructure support activities.

(U) FY 2000 (\$ in Thousands):

**Arnold Engineering and Development Center**

- (U) \$ 6,878 Continue test infrastructure overhead support to enable ground testing for classified programs, and unclassified programs (F-22, JDAM, F-15, F-16, JSF, B-1B, B-2, C-130, AMRAAM, AIM 9X, Minuteman, EELV, Titan IV, F-18, F404, F414, F119, and Tunnel 9).
- (U) \$ 23,533 Utilities and maintenance and repair for test unique infrastructure
- (U) \$107,896 Contractor Services (in-house contract support activities)
- (U) \$ 12,208 T&E Civilian Pay

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<b>RDT&amp;E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)</b>		DATE <b>February 1999</b>
BUDGET ACTIVITY <b>6 - Management and Support</b>	PE NUMBER AND TITLE <b>0605807F Test And Evaluation Spt</b>	PROJECT <b>06TS</b>
<ul style="list-style-type: none"> <li>– (U) \$ 250 NATO Cooperative Research and Development (R&amp;D) efforts in Imaging Spectrometer Development (AEDC/Canada). Continue effort to pool the spatial and spectral advances of both the US and Canada, and develop a high-resolution sensor system capable of characterizing signatures of rockets and aircraft, for drug interdiction, and identifying trace quantities of a broad spectrum of gases in the environment. Previously funded in PE 0603790F, NATO Cooperative R&amp;D.</li>   <li><b>Air Force Flight Test Center</b></li> <li>– (U) \$ 25,247 Continue to provide test infrastructure overhead support enabling testing of the B-1B, B-2, B-52, F-16, F-15, F-15E, F-22, F-117, AFTI/F-16, C-17, ATIC, ARIA, ECCM, EW (B-1B ALQ-161, F-26 AN/ASQ-213, C-130 ALQ-172, etc.), and classified programs.</li> <li>– (U) \$ 5,323 Utilities and maintenance and repair for test unique infrastructure</li> <li>– (U) \$ 30,894 Contractor Services (in-house contract support activities)</li> <li>– (U) \$ 59,326 T&amp;E Civilian Pay</li> <li>– (U) \$ 22,092 Aircraft flying hour costs (to include USAF Test Pilot School) for pilot proficiency for sustained readiness to include programmed depot maintenance, engine overhauls, petroleum, oils and lubricants (POL), depot level reparables (DLR) and related support.</li>   <li><b>Air Armament Center</b></li> <li>– (U) \$ 14,572 Continue test infrastructure overhead support for non-nuclear air armaments (AMRAAM, SEEK EAGLE, TMD, JDAM, JSOW, WCMD, etc.); C4I (JTIDS, BISS, TMD), and aircraft software upgrades.</li> <li>– (U) \$ 2,919 Utilities and maintenance and repair for test unique infrastructure</li> <li>– (U) \$ 6,624 Contractor Services (in-house contract support activities)</li> <li>– (U) \$ 42,848 T&amp;E Civilian Pay</li> <li>– (U) \$ 10,141 Aircraft Support (Includes programmed depot maintenance; engine overhauls; petroleum, oils and lubricants (POL); and related support)</li> <li>– (U) \$370,751 Total</li>   <li>(U) <u>FY 2001 (\$ in Thousands):</u></li>   <li><b>Arnold Engineering and Development Center</b></li> <li>– (U) \$ 6,066 Continue test infrastructure overhead support to enable ground testing for classified programs, and unclassified programs (F-22, JDAM, F-15, F-16, JSF, B-1B, B-2, C-130, AMRAAM, AIM 9X, Minuteman, EELV, Titan IV, F-18, F404, F414, F119, and Tunnel 9).</li> <li>– (U) \$ 24,036 Utilities and maintenance and repair for test unique infrastructure</li> <li>– (U) \$103,969 Contractor Services (in-house contract support activities)</li> <li>– (U) \$ 11,928 T&amp;E Civilian Pay</li> </ul>		
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BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
<b>6 - Management and Support</b>	<b>0605807F Test And Evaluation Spt</b>	<b>06TS</b>
<p>– (U) \$ 250 NATO Cooperative Research and Development (R&amp;D) efforts in Imaging Spectrometer Development (AEDC/Canada). Continue effort to pool the spatial and spectral advances of both the US and Canada, and develop a high-resolution sensor system capable of characterizing signatures of rockets and aircraft, for drug interdiction, and identifying trace quantities of a broad spectrum of gases in the environment. Previously funded in PE 0603790F, NATO Cooperative R&amp;D.</p> <p><b>Air Force Flight Test Center</b></p> <p>– (U) \$ 29,955 Continue to provide test infrastructure overhead support enabling testing of the B-1B, B-2, B-52, F-16, F-15, F-15E, F-22, F-117, AFTI/F-16, C-17, ATIC, ARIA, ECCM, EW (B-1B ALQ-161, F-26 AN/ASQ-213, C-130 ALQ-172, etc.), and classified programs.</p> <p>– (U) \$ 4,972 Utilities and maintenance and repair for test unique infrastructure</p> <p>– (U) \$ 28,505 Contractor Services (in-house contract support activities)</p> <p>– (U) \$ 54,086 T&amp;E Civilian Pay</p> <p>– (U) \$ 21,207 Aircraft flying hour costs (to include USAF Test Pilot School) for pilot proficiency for sustained readiness to include programmed depot maintenance, engine overhauls, petroleum, oils and lubricants (POL); and related support)</p> <p><b>Air Armament Center</b></p> <p>– (U) \$ 11,812 Continue test infrastructure overhead support for non-nuclear air armaments (AMRAAM, SEEK EAGLE, TMD, JDAM, JSOW, WCMD, etc.); C4I (JTIDS, BISS, TMD), and aircraft software upgrades.</p> <p>– (U) \$ 3,005 Utilities and maintenance and repair for test unique infrastructure</p> <p>– (U) \$ 6,657 Contractor Services (in-house contract support activities)</p> <p>– (U) \$ 42,857 T&amp;E Civilian Pay</p> <p>– (U) \$ 10,651 Aircraft Support (includes programmed depot maintenance; engine overhauls; petroleum, oils and lubricants (POL); and related support)</p> <p>– (U) \$359,956 Total</p> <p><b>(U) B. <u>Project Change Summary - Description of Significant Changes:</u></b></p> <p>(U) Significant Program Changes: None.</p> <p><b>(U) C. <u>Other Program Funding Summary (\$ in Thousands):</u></b> Not applicable.</p> <p>Related RDT&amp;E: (U) PE 0604759F, Major T&amp;E Investment (Technical capability improvement and modernization)</p>		
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BUDGET ACTIVITY <b>6 - Management and Support</b>	PE NUMBER AND TITLE <b>0605807F Test And Evaluation Spt</b>	PROJECT <b>06TS</b>
<p>(U) PE 0604256F, Threat Simulator Development</p> <p>(U) PE 0604940D, Central Test &amp; Evaluation Improvement Program (T&amp;E investments for new tri-service test capabilities)</p> <p>(U) <b>D. <u>Acquisition Strategy</u>:</b> Not applicable.</p> <p>(U) <b>E. <u>Schedule Profile</u>:</b> Most T&amp;E test infrastructure overhead requirements are continuous and are not driven by discrete start/end dates.</p>		
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BUDGET ACTIVITY <b>6 - Management and Support</b>				PE NUMBER AND TITLE <b>0605807F Test And Evaluation Spt</b>				PROJECT <b>06TG</b>		
COST (\$ In Thousands)	FY 1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
06TG 46 Test Group	20,994	20,097	21,353	20,679	22,654	23,079	23,575	24,185	Continuing	TBD
<p>(U) <b>A. <u>Mission Description:</u></b> This project funds test infrastructure overhead support including: Command and supervisory staffs; supply stocks; upkeep, refurbishment, repair, and replacement of non-repairable or obsolete test equipment; test infrastructure for data collection, transmission, reduction, and analysis; civilian salaries, utilities, temporary duty travel, support contract costs for hardware and software engineering and maintenance. Project infrastructure support is provided for the unique capabilities of the 46th Test Group (TG) facilities: Central Inertial Guidance Test Facility (CIGTF), the High Speed Test Track (HSTT), and the Radar Target Scatter (RATSCAT) facility. CIGTF provides independent assessments of inertial components, aircraft navigation systems, and missile guidance systems. HSTT capabilities include full-scale testing in flight environments, realistic live-fire simulations, test item and target fragment recovery, and precision trajectory analysis and high speed photography. RATSCAT provides radar cross section (RCS) monostatic and bi-static amplitude and phase measurements, antenna pattern measurements, glint and near field measurements for low observable targets. The 46<sup>th</sup> TG support services contracts are awarded on the basis of full and open competition.</p> <p>(U) <b><u>FY 1998 (\$ in Thousands):</u></b></p> <ul style="list-style-type: none"> <li>– (U) \$ 3,960 Central Inertial Guidance Test Facility (CIGTF): Provide infrastructure test support for programs such as Advanced Inertial Concepts (AICON), continued Global Positioning System-Joint Program Office (GPS-JPO) Responsible Test Organization (RTO) responsibilities, Project 2000 integration support, GPS jamming and electronic countermeasures, NAVWAR, Federal Aviation Administration (FAA), Wide Area Augmentation System, GPS integrated and embedded INS programs, aircraft navigation systems, including B-2 and F-22, munitions navigation systems such as JDAM and other programs.</li> <li>– (U) \$ 4,420 Holloman High Speed Test Track (HHSTT) : Provide infrastructure test support for the F-22A Ejection System, Russian K-36 Derivative Ejection Seat, Standard Missile (SM) 2 Seeker, SM 2 Forward Looking Fuze, SM-2 Live Fire T&amp;E (LFT&amp;E), Patriot Advanced Capability (PAC) 3 LFT&amp;E, Theater High Altitude Area Defense (THAAD) LFT&amp;E, Army Tactical Infrared Countermeasure System (ATIRCMS) Phase II, Long-Range Fiber Optic Guided (LONGFOG) missile, and other programs.</li> <li>– (U) \$ 4,754 Radar Target Scatter (RATSCAT) facility: Provide infrastructure test support for programs such as static RCS testing for stores, low observable testbeds, and other classified programs.</li> <li>– (U) \$ 7,860 46th Test Group Headquarters (46TG). Provide command guidance, resource management, plans and programs, protection services, information systems, logistics, liaison support and scheduling for White Sands Missile Range (WSMR) airspace, photo and safety chase, support of air-to-air and air-to-ground live fire, life support equipment services, and aerospace ground equipment support.</li> <li>– (U) \$ 20,994 Total</li> </ul>										
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(U) FY 1999 (\$ in Thousands):

- (U) \$ 3,584 Central Inertial Guidance Test Facility (CIGTF): Provide infrastructure test support for programs such as AICON, continued GPS-JPO RTO responsibilities, Project 2000 integration support, GPS jamming and electronic countermeasures, NAVWAR, FAA Wide Area Augmentation System, GPS integrated and embedded INS programs, aircraft navigation systems, including B-2 and F-22, munitions navigation systems such as JDAM, GPS Y2K testing and other programs.
- (U) \$ 4,607 Holloman High Speed Test Track (HHSTT): Provide infrastructure test support (including full-scale testing simulating in-flight environments, realistic live-fire simulations, test item and target fragment recovery, and precision trajectory analysis and high speed photography) for the F-22A Ejection System, Advanced Concepts Escape system (ACES) II Continuous Improvement Program (CIP), Standard Missile (SM) 2 Seeker, SM 2 LFT&E, SM 3 LFT&E, Patriot Advanced Capability (PAC) 3 Live Fire T&E (LFT&E), Theater High Altitude Area Defense (THAAD) LFT&E, and other programs.
- (U) \$ 4,459 Radar Target Scatter (RATSCAT) facility: Provide infrastructure test support for programs such as static RCS testing for stores, low observable testbeds, and other classified programs.
- (U) \$ 7,447 46th Test Group Headquarters (46TG). Provide command guidance, resource management, plans and programs, protection services, information systems, logistics, liaison support and scheduling for WSMR airspace, photo and safety chase, support of air-to-air and air-to-ground live fire, life support equipment services, and aerospace ground equipment support.
- (U) \$ 20,097 Total

Beginning in FY00, the justification narratives within each center have been modified to include standardized categories which better explain the nature of the test and evaluation infrastructure support activities.

(U) FY 2000 (\$ in Thousands):

- (U) \$ 6,963 Continue test infrastructure overhead support to enable testing for unclassified program such as AICON, continued GPS-JPO RTO responsibilities, Project 2000 integration support, GPS jamming and electronic countermeasures, NAVWAR, FAA Wide Area Augmentation System, GPS integrated and embedded INS programs, aircraft navigation systems, including B-2 and F-22, munitions navigation systems such as JDAM, the F-22A Ejection Seat, Standard Missile (SM) 2 Seeker, SM 2 forward Looking Fuze, SM-2 Live Fire T&E (LFT&E) , Patriot Advanced Capability (PAC) 3 LFT&E, Theater High Altitude Area Defense (THAAD) LFT&E, Army Tactical Infrared Countermeasure system (ATIRCMS) Phase II, Long-Range Fiber Optic Guided (LONGFOG) missile, static RCS testing for stores, low observable testbeds, as well as multiple classified programs..
- (U) \$ 7,158 Contractor Services (in-house contract support activities)
- (U) \$ 7,232 T&E Civilian Pay
- (U) \$21,353 Total

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<b>RDT&amp;E BUDGET ITEM JUSTIFICATION SHEET (R-2A Exhibit)</b>		DATE <b>February 1999</b>
BUDGET ACTIVITY <b>6 - Management and Support</b>	PE NUMBER AND TITLE <b>0605807F Test And Evaluation Spt</b>	PROJECT <b>06TG</b>
<p>(U) <u>FY 2001 (\$ in Thousands):</u></p> <ul style="list-style-type: none"> <li>– (U) \$6,144 Continue test infrastructure overhead support to enable testing for unclassified program such as AICON, continued GPS-JPO RTO responsibilities, Project 2000 integration support, GPS jamming and electronic countermeasures, NAVWAR, FAA Wide Area Augmentation System, GPS integrated and embedded INS programs, aircraft navigation systems, including B-2 and F-22, munitions navigation systems such as JDAM, the F-22A Ejection Seat, Standard Missile (SM) 2 Seeker, SM 2 forward Looking Fuze, SM-2 Live Fire T&amp;E (LFT&amp;E) , Patriot Advanced Capability (PAC) 3 LFT&amp;E, Theater High Altitude Area Defense (THAAD) LFT&amp;E, Army Tactical Infrared Countermeasure system (ATIRCMS) Phase II, Long-Range Fiber Optic Guided (LONGFOG) missile, static RCS testing for stores, low observable testbeds, as well as multiple classified programs..</li> <li>– (U) \$ 7,158 Contractor Services (in-house contract support activities)</li> <li>– (U) \$ 7,377 T&amp;E Civilian Pay</li> <li>– (U) \$20,679 Total</li> </ul> <p>(U) <b>B. <u>Project Change Summary - Description of Significant Changes:</u></b></p> <p>(U) Significant Program Changes: None.</p> <p>(U) <b>C. <u>Other Program Funding Summary (\$ in Thousands):</u></b> Not applicable.</p> <p>Related RDT&amp;E:</p> <p>(U) PE 0604759F, Major T&amp;E Investment (Technical capability improvement and modernization)</p> <p>(U) PE 0604256F, Threat Simulator Development</p> <p>(U) PE 0604940D, Central Test &amp; Evaluation Improvement Program (T&amp;E investments for new tri-service test capabilities)</p> <p>(U) <b>D. <u>Acquisition Strategy:</u></b> Not applicable.</p> <p>(U) <b>E. <u>Schedule Profile:</u></b> 46TG infrastructure support operations are continuous and are not driven by discrete start/end dates.</p>		
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